1

	I .	I	ı	I	I	t	ı	ı	I	1	l	I	ı
	8 2 2	831	20543	29	2509	3330	5473	13416	68	70	27	19	166
	(("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer	("silicon oxide" and carbon) and ("anti reflective" "anti reflection")	"silicon oxide" and carbon	(((428/428,429,432,446,447,448,212.ccls. and silicon) and carbon) and organic) and oxycarbide	((428/428,429,432,446,447,448,212.ccls. and silicon) and carbon) and organic	(428/428,429,432,446,447,448,212.ccls. and silicon) and carbon	428/428,429,432,446,447,448,212.ccls. and silicon	and wavelength) and film and substrate and tayer) and ("anti reflective" anti reflection"))) not nakajima-tatsuji.in. 428/428,429,432,446,447,448,212.ccls.	il reflection")) ilmura-koji.in. not (((((("dai nippon printing".as. nippon ijima-tatsuji.in. ichimura-koji.in.) and silica) and refra	rra-koji.in. not (((((("dai nippon printing".as. nippon.as. lma-tatsuji.in. ichimura-koji.in.) and silica) and refractive adj index) rvelength) and film and substrate and layer) and ("anti reflective"	nakajima-tatsuji.in.	((((("dai nippon printing".as. nippon.as. nakajima-tatsuji.in. ichimura-koji.in.) and silica) and refractive adj index) and wavelength) and film and substrate and layer) and ("anti reflective" "anti reflection")	((("dai nippon printing".as. nippon.as. nakajima-tatsuji.in. ichimura-koji.in.) and silica) and refractive adj index) and wavelength) and film and substrate and layer
CEXMENT	USPAT; USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB; EPO; JPO; DERWENT	UERWENI USPAT; US-PGPUB; EPO; JPO;	DERWENT USPAT; US-PGPUB; EPO; JPO;	DERWENT USPAT; US-PGPUB; EPO; JPO;		DERWENT USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB;	DERWENT USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB; EPO; JPO;
	2004/02/03	2004/02/03	2004/02/03	2004/02/03	2004/02/03	2004/02/03	2004/02/03	2004/02/03	2004/02/03	2004/02/03	2004/02/03 1	2004/02/03 1	2004/02/03
	15:09	15:09	15:08	15:08	12:26	12:26	12:25	12:25	12:25	12:18	12:16	12:01	

I	t	ŧ	ı	ı	1	1	ı	ı	1	I	ı
					······································						
120	107	107	130	24668	31013	226750	177	<u></u> ა	232	233	531
(((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) and \$5layer) and reflective adj index) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) and multilayer))	((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not (((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and and layer) and organic) and refract\$4 and index) and (film coating)) and	(((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not (((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and and layer) and organic) and refract\$4 and index) and (film coating)) and	(((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) and \$5layer) and reflective adj index	((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) and \$5layer	(("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4	licon oxide" silica) and carbon	(((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) and	((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) and multilayer	((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)	(((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index	((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic
USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	DERWENT USPAT; US-PGPUB; EPO; JPO;		DERWENT USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB; FBO: TBO:	USPAT; US-PGPUB; EPO; JPO; DERWENT	DERWENT USPAT; US-PGPUB; EPO; JPO;	DERWENT USPAT; US-PGPUB; EPO; JPO;	DERWENT USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB; EPO: TPO:
2004/02/04	2004/02/04	2004/02/04	2004/02/04	2004/02/04	2004/02/04	2004/02/04 07:07	2004/02/04	2004/02/03	2004/02/03	2004/02/03	2004/02/03
08:01	07:11	07:11	07:10	07:09	07:08	07:07	07:11	15:24	15:10	15:10	15:10

		ective" "anti reflection")) and layer) and organic) as x) and (film coating)) and multilayer)))) and stack	
<u></u>		lective" "anti reflection")) and layer) and organic) and rex) and (film coating)) not ((((("silicon oxide" and car	
		reflective adj index) not (((((("silicon oxide" and carbon) and ("anti	
		hidrogen) and anti adi reflects/) not	
		and layer) and organic) and refract\$4 and index) and (film coating)) and	···-
	-	and organic) and refract\$4 and index) and (file	
	<u>:</u>	((((("silicon oxide" and c	
S-PGFUB;		and ant1 ad] reflect\$4) not ((((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) and \$5laver) and reflective adi index) not	
USPAT;		92 (((different and silica and layer and composition and car	2
		multilayer)))) and stack and multilayer	
n"))	p"))	(((("silicon oxide" and carbon) and ("anti ref	
) and refract	
n")) DERWENT	p	ן (((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection"))	
US-PGPUB;		adj reflect\$4) not (((((("silicon oxide" silica)	
•	<u> </u>	rent and silica and layer and composition	
		and layer) and organic) and refract\$4 and index) and (film coating)) and	•
n"))	n"))	(((("silicon oxide" and o	
) and refract\$4 and index) and (film coat:	
	_	'silicon oxide" and carbon) and ("anti reflect	
EPO; JPO;		and \$4reflect\$4) and \$5layer) and reflective adj :	
		anti adj reflect\$4) not (((((("silicon oxide" silica) and ca	
	ind End	$42\mid$ ((different and silica and layer and composition and carbon and hydrogen) and	ω
EPO; JPO;			
	Š	anti adj reflect\$4	
	ă. —	351 (different and silica and laver and composition and carbon and hydrogen) and	
DERWENT			
US-PGPUB;			
USPAT;		73 different and silica and layer and composition and carbon and hydrogen	54473

		dop\$3)	
		ive" "anti reflection")) and layer) and organic) and refract\$4 and	
		യ	
		reflective adj index) not (((((("silicon oxide" and carbon) and ("anti	
		ica) and carbon) and high and low and \$4reflect\$4)	
		and hydrogen) and anti adj reflect\$4) not (((((("silicon oxide"	
		not ((((different and silica and layer and	
) and refract\$4 and index) and (film	
		((((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection"))	
		and refracts4 and index) and (film	
		(((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection"))	
		and	
		((different and silica and layer and composition and carbo)	
		index) and (film coating)) and multilayer)))) and stack and multilayer)) not	
		reflective" "anti reflection")) and layer) and organic) and refract\$4 and	
		index) and (film coating)) not ((((((("silicon oxide" and carbon) and ("anti	
		reflective" "anti reflection")) and layer) and organic) and refract\$4 and	
		reflective adj index) not (((((("silicon oxide" and carbon) and ("anti	
) and carbon) and high and low and \$4reflect\$4) and \$5	
		(("sìl	
		cilayer)))) not ((((different and silica and layer and	
) and refract\$4 and index) and (film	
		(((("silicon oxide" and carbon) and ("anti reflective" "	
		and refract\$4 and index) and (film coat:	
	DERWENT	ant	
	EPO; JPO;	dj index)	
	US-PGPUB;	nd	
2004/02/04 09:32	USPAT;	171 (((different and silica and layer and composition and carbon and hydrogen)	1
		TIMES A STATE (CASTILLA) AND THE CASTILLA CONTRACT AND THE CASTILLA CO	
		(film coating)) not (((((("silicon oxide" and ca	
		" "anti reflection")) and layer) and organic) and refracts4	
		carbon) and ("an	
		and high and	
		reflect\$4) not ((((("sil	
)))) not ((((different and silica and layer and	
) and refract\$4 and index) and (film	
		(((("silicon oxide" and carbon) and ("anti reflective" "	
		and refract\$4 and index) and (film	
	DERWENT	an:	_
	EPO; JPO;	di index)	
	US-PGPUB;	and anti adi reflects4) not ((((("silicon oxide" silica) and	
2004/02/04 09:32	USPAT:	121 (((different and silica and layer and composition and carbon and hydrogen)	-

		and (doped dopant)
		•
		ex) and (film coating)) not ((((((("silicon oxide" and carbon) and
		reflective" "anti reflection")) and layer) and organic) and refract\$4 and
		("silicon oxide
		and high and low and \$4refled
		<pre>j reflect\$4) not (((((("si]</pre>
		(different and silica and
		and layer) and organic) and refract\$4 and index) and (film coating)) and
		((((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection"))
		and layer) and organic) and refract\$4 and index) and (film coating)) not
		((((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection"))
		high and low and $\$4$ reflect $\$4$) and $\$5$ layer) and reflective adj index) not
		and anti adj reflect\$4) not ((((("silicon oxide" silica) and carbon) and
		index) and (film coating)) and multilayer)))) and stack and multilayer)) not
) and layer) and
		index) and (film coating)) not (((((("silicon oxide" and carbon) and ("anti
		reflective" "anti reflection")) and layer) and organic) and refract\$4 and
		oxide" and carbon)
-		low and \$4reflec
		reflect\$4) not
) not ((((different and silica and laye
		and layer) and organic) and refract\$4 and index) and (film coating)) and
		carbon) and ("anti reflective" "
		organic) and refract\$4 and ind
	DERWENT	((("silicon oxide" and carbon) and ("anti reflective"
	EPO; JPO;	d $\$4$ reflect $\$4$) and $\$5$ layer) and reflective a
	US-PGPUB;	eflect\$4) not (((((("silio
2004/02/04 09:33	USPAT;	1 ((((different and silica and layer and composition and carbon and hydrogen)

		silica) and carbon) and high and I sinki coeffectioner with dancteon. went ((((nti reflective" "nti reflectin")
		nd refract\$4 and index) and (film coating)) and multilayer)) nd multilayer)) not ((((different and silica and layer and carbon and hydrogen) and anti adj reflect\$4) not ((((("silica
		ilicon oxide" silica) and carbon) and yer) and reflective adj index) not ((yer) and reflective adj index) not (and index) and (film coating)) not and ("anti reflective" "anti reflective")
		reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not (((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) and multilayer)))) not (((different and silica and layer and composition and carbon and hydrogen) and anti adi reflect\$4) not
		<pre>(((((different and silica and layer and composit and anti adj reflect\$4) not ((((("silicon oxic igh and low and \$4reflect\$4) and \$5layer) and re (((("silicon oxide" and carbon) and ("anti refl</pre>
		""anti reflection")) and layer) and organic) and car (film coating)) not ((((("silicon oxide" and car "anti reflection")) and layer) and organic) and r (film coating)) and multilayer)))) and stack and
		multilayer)))) not (((different and silica and layer and composition and carbon and hydrogen) and anti adj reflect\$4) not ((((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) and \$5layer) and reflect\$40 and \$5layer) and silical and silican oxide" and carbon) and the silican oxide and silican oxide and silican oxide.
		<pre>((((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not ((((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) and</pre>
		index) and (film coating)) and multilayer) and stack and multilayer) not ((((different and silica and layer and composition and carbon and hydrogen) and anti adj reflect\$4) not (((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) and \$5layer) and reflective adj index) not
		carbon and high and low and strettects, a adj index) not (((((("silicon oxide" and ca "anti reflection")) and layer) and oxide" a (film coating)) not (((((("silicon oxide" a film coating)) not ()))
		"silicon oxide" er) and organic) yer)))) not (((and hydrogen) and
2004/02/04 09:33	USPAT; US-PGPUB; EPO; JPO; DERWENT	and anti adj reflect\$4) not (((("silicon oxide" silica) and carbon) and hydrogen) high and low and \$4reflect\$4) and \$5layer) and reflective adj index) not ((((("silicon oxide" and carbon)) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating) not

PMon oRAGe silica) and carbon) and high and low a stribs Shaymer) smblicuss loscitles ewistly candson, wast ((((((("" nti reflection")) r	d carbon) and ("anti reflective" "anti reflection")) and index) and (film coating)) and ifferent and silica and layer and composition and ((((("silicon oxide" and carbon) and ("anti ion")) and layer) and organic) and refracts4 and index) and stack and multilayer) and organic) and refracts4 and ion") and layer and composition and refracts4 and layer and composition and refracts4 and ion") and layer and organic) and refracts4 and and multilayer))) and stack and multilayer) not and layer and composition and carbon and hydrogen) to carbon) and ("anti reflective" and index) and (film coating) and refracts4 and index) and (silicon oxide" and arbon and anti adj reflective" "anti reflection") and refracts4 and index) and refracts4 and index and solicon oxide" and arbon and ("anti ion")) and layer) and organic) and refracts4 and and layer and composition and carbon and solica and layer and composition and carbon and solica and layer) and reflective "anti ion")) and layer) and organic) and reflective adj index) and reflects4) and solica and reflective adj and solica and layer and composition and carbon and ("anti reflective" "anti ion")) and refracts4 and index) and (film coating) and refracts4 and index) and reflects4) and solica and layer and composition and carbon and reflects4) and solica and layer and composition and carbon and reflects4) and solica and layer and composition and carbon and reflects4) and solica and layer and composition and anti adj reflects4) and solica and layer and organic) and reflects4) and solica and reflects4 and index) and reflects4 and and adj reflects4 and solica and reflects4 and and solica and reflects4 and and anti adj reflects4 and solica an	lica and layer and composition and carbon) not ((((("silicon oxide" silica) and carbon lect\$4) and \$5layer) and reflective adj in the composition and silication in the composition in
		2004/02/04 09:59

		ı				1
	Ì	41				
		silica with different and antireflective and laver				silica with different and antirefelctive and layer
EPO; JPO; DERWENT	US-PGPUB;	USPAT;	DERWENT	EPO; JPO;	US-PGPUB;	USPAT;
		2004/02/04 10:00				2004/02/04 10:00

Search History 2/12/24 antil 2011 reflect399 not ((((("silicon oxide" silica) and carbon) and C:\APPS\EAST\Workspadeisy\annitedfilecunibns 4frielfilects\(\frac{1}{2}\)incom \(\frac{1}{2}\)incom \(\f	and \$4reflect\$4) not (((("silicon oxide" and oxide" and carbon) and ("anti reflect on oxide" and carbon) and ("anti reflect on oxide" and carbon) and ("anti reflect on oxide" and organic) and refract\$4 and index) and organic) and refract\$4 and index) not ((((different and silica and index) and organic) and refract\$4 and index) not ((((different and silica and index) and anti adj reflect\$4) not (((("silicon oxide" and index) not ((((("silicon oxide" and index) and anti adj reflect\$4) not ((((("silicon oxide" and index) and silica and layer) and oxide" and index) and silica and layer and oxide and layer and oxide and layer and oxide and index) and index) and oxide and anti adj reflect\$4) not (((("silicon oxide" and index) and layer) and oxide" and carbon and silica and oxide" and carbon and hydrogen) and and index) and (film coxide) and reflective adj index) not ((((("silicon oxide" and index) and (film coxide)) and multilayer) and anti reflection")) and high and low and index) and (film coxide) and reflection") and hydrogen) and anti reflection oxide and index) and (film coxide) and carbon and hydrogen) and anti adj reflect\$4 and index) and ("silicon oxide" and oxide and carbon and index) and reflection oxide and index) and index) and reflection oxide and index) and index) and index and reflective adj index) and index and reflective adj index and index and reflective adj index and index and reflective adj index and index an	((((different and silica and layer and composition
	DERWENT	USPAT;
		2004/02/04 10:00

		ect号号 not (((((("silicon oxide" silica) and \$4fielfitects知)icont collegacythancarianfilactive adj xide" nd c rb n) nd ("nti reflective" nt
		<pre>((((((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) and \$5layer) and reflective adj index) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) and multilayer)))) not (((different and silica and layer and composition and carbon and hydrogen)</pre>
		c) and refract\$4 and index) and (film co cack and multilayer)) not ((((different and carbon and hydrogen) and anti adj r
		((((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) (((((((("silicon oxide" and refract\$4 and index) and (film coating)) not ((((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection"))
) and refract\$4 and index) and (film coating)) and mult ferent and silica and layer and composition and carbon i adj reflect\$4) not ((((("silicon oxide" silica) and
		" and carbon) and ("anti reflective" "anti reflection")) ic) and refract\$4 and index) and (film coating)) not (((" and carbon) and ("anti reflective" "anti reflection"))
		multilayer)))) and stack and multilayer)) and dop\$3)) not (((((different and silica and layer and composition and carbon and hydrogen) and anti adj reflect\$4) not ((((("silicon oxide" silica) and carbon) and high and low and sareflect\$4) and \$5layer) and reflective adj index) not (((("silicon oxide" silica) and carbon) and high and low and
		and tayer) and organic) and retracts4 and index) and (tilm coating)) not ((((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) and
		n and low and \$4reflect\$4) and \$5layer) and reflective adj (((("silicon oxide" and carbon) and ("anti reflective" "ant
		and refract\$4 and index) and (film coating)) and multilayer)))) not ((((different and silica and layer and composition and carbon and hydrogen) and anti adi reflect\$4) not ((((("silicon oxide" silica) and carbon) and
,		ract\$4 and index) and (film coating)) not (((((("silicon oxide bon) and ("anti reflective" "anti reflection")) and layer) and
		and \$5layer) and reflective adj index) not (((((("silicon oxide" and carbon) and laver) and organic) and carbon)
		tilayer)))) and stack and multilayer)) not ((((different and composition and carbon and hydrogen) and anti adj re
		and
		reflect\$4) not (((((("silicon oxide" silica) and and \$4reflect\$4) and \$5layer) and reflective adjon oxide" and carbon) and ("anti reflective" "ant
		" and carbon) and ("anti reflective" "anti reflection")) ic) and refract\$4 and index) and (film coating)) and mult ifferent and silica and layer and composition and carbon
		carbon) and ("anti reflective" "anti reflection")) nd refract\$4 and index) and (film coating)) not (((
	DERWENT	d silica and layer and composition and carbon and hydr flect\$4) not ((((("silicon oxide" silica) and carbon) reflect\$4) and \$5layer) and reflective add index) not
2004/02/04 10:00	USPAT;	lica with different and antireflective and layer) not ((((((diffe

		oxide and circon; and (sint) relective and index) and (((different and bydrogen)) and and (sint) and relection); and and bydrogen) (((different and silton and liver and composition and carbon and bydrogen) (((different and silton and liver and composition and carbon and bydrogen) (((different and silton and silton and carbon and bydrogen) (((different and silton and silton and (sint) ceffective and index) and (silton coatie) (((different and silton and silton and (sint) ceffective and index)) and carbon and (silton coatie) (((different and silton and silton and silton)) and liver)) and organic) and carbon and (silton coatie) and carbon and carbon and (silton coatie)) and carbon and (silton coatie) and carbon and (silton coatie)) and carbon and (silton coatie) and carbon and (silton coatie)) and carbon and (silton coatie) and carbon and carbon and (silton coatie)) and carbon and (silton coatie) and carbon and carbon and carbon and carbon and (silton coatie) and carbon and carbon and carbon and carbon and (silton coatie) and carbon and carb
	EPO; JPO; DERWENT	lect\$4) not (((((("silicon oxide" silica) and carbon) and high and logeflect\$4) and \$5layer) and reflective adj index) not (((((("silicon de" and carbon) and ("anti reflective" "anti reflection")) and layer) and carbon and index) and (film coating)) not ((((("silicon anic) and refract\$4 and index) and (film coating)) not (((("silicon anic) and refract\$4 and index) and (film coating)) not ((((("silicon anic) anic) and anic) a
2004/02/04 10:03	HADAL:	ith different and antireflective and layer) not ((((((different and composition and carbon and hydrogen) and anti ad

		refr carb and
		incon oxide Silica) and calbon and high and row and sale er) and reflective adj index) not (((("silicon oxide" and reflective" "anti reflection")) and layer) and organic.
		tilayer)))) and stack and multilayer)) not ((((different agree and composition and carbon and hydrogen) and anti adj reservations and agree and composition and carbon and hydrogen) and anti adj reservations are supplied to the state of th
		and layer) and organic) and refract\$4 and index) and (film coating)) and layer) and organic) and refract\$4 and index) and (film coating)) and
		and low and \$4reflect\$4) and \$5layer) and re((("silicon oxide" and carbon) and ("anti re)
		erent and silica and layer and composition and carbon add reflect\$4) not ((((("silicon oxide" silica) and
		rbon) and ("anti reflective" "anti reflection")) refract\$4 and index) and (film coating)) and mult
		and carbon) and ("anti reflective" "anti reflection")) and tayer) c) and refract\$4 and index) and (film coating)) not (((((("silico
		tive adj index) not (((("s
		layer and composition and carbon and hydrogen)
		<pre>1 and index) and (film coat: 1 yer) and dop\$3)) not ((((</pre>
		and Tayer) and organic) and refract\$4 and index) and (film coating)) not ((((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection"))
		silicon oxide" a
		ect\$4) not (((((("silicon oxide" silica) and street ect\$4) and \$5laver) and reflective adi
		and refract\$4 and index) and (film coating)) and multilayer)))) not ((((different and silica and layer and composition and carbon and hydrogen)
		"anti reflective" "anti reflection")) and layer) and o
		and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and
		adj index) not (((((("silicon oxide"
		sition and carbon and hydrogen) and anti adj re
		organic] and sta
		<pre>and refract\$4 and index) and (film coating)) and carbon) and ("anti reflective" "anti refle</pre>
		4) and \$51ayer) and reflect carbon) and ("anti reflect
		anti adj reflect\$4) not ((((("silicon oxide" silica) and
		c) and refract\$4 and index) and (film coating)) and mult
		and in ("anti
	けりがけなっ	oxide" and carbon) and ("anti reflective ad index) not (((()) since and carbon) and carbon and oxide" "anti reflection")) and layer) and
	EPO; JPO;	lect\$4) not ((((("silicon oxide" silica) and carbon) and high
2004/02/04 10:07	USPAT; US-PGPUB;	- 15 ((silica with different and antireflective and layer) not ((((((different and carbon and hydrogen) and anti adi

	I	l	ı	1
	5918	5927	6132	20785
reflective adj index) not (((((("silicon oxide" and carbon) and "anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) and multilayer) and organic) and refract\$4 and silica and layer and composition and carbon and hydrogen) and anti adj reflect\$4) not ((((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) and \$5layer) and reflective adj index) not ((((("silicon organic) and refract\$4 and index) and (film coating)) not ((((("silicon organic) and refract\$4 and index) and (film coating)) and layer) and stack and multilayer))) not (silica with different and antireflective and layer)	organic) and obt (((differ))) and anti a high and lower and mulation)) and mulation and layer and cot((((("siling)))) and s55	y") and high and low and (intermed id silica and layer and composition of silica and layer and composition of silicates and (((("silicon oxide and \$4reflect\$4) and \$5layer) and ilicon oxide" and carbon) and ("an layer) and organic) and refract\$4 ((("silicon oxide" and carbon) and	("anti reflection" "anti reflective") and high and low and (intermediate medium middle)	"anti reflection" "anti reflective"
	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO;
	2004/02/04 10:09	2004/02/04 10:08	2004/02/04 10:08	2004/02/04 10:08

medium middle)) not ((((different and silics and layer and composition and carbon) and shitca and if active (((("silicon oxide" reflective adj index) not (((((("silicon oxide" and carbon)) and high and low and \$4reflect\$4) not ((((("silicon oxide" and carbon)) and film coating)) not (((((("silicon oxide" and carbon)) and reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating) not ((((("silicon oxide" and carbon)) and ("anti reflective" and carbon)) and multilayer)))) not ((((different and silica and layer and carbon)))) and layer)) and high and low and sylerject\$4) and \$5layer) and carbon and hydrogen) and anti adj reflect\$4) and sylerject\$4 and index) and (film coating)) not ((((("silicon oxide" and carbon)))) and layer)) and carbon and hydrogen) and anti adj reflect\$4) and sylerject\$4 and index) and (film coating)) not ((((("silicon oxide" and carbon)))) and layer)) and stack and multilayer))) not (silica with different and antireflective and index) and (film coating)) and carbon and hydrogen) and antireflective and index) and (film coating)) not ((((("silicon oxide" silica)))) and sylerjective and index) and sylerjective and antireflective and index) and (film coating)) not ((((("silicon oxide" silica)))) and sylerjective and index) and (film coating)) and antireflective and index) and (film coating)) not ((((("silicon oxide" and carbon)))) and sylerjective and index) and (film coating)) and antireflective and index) and (((("silicon oxide" and carbon))) and antireflective and index) and (((("silicon oxide" and carbon))) and antireflective and index) and antireflective and antireflective and index) and ((((("silicon oxide" and carbon)))) and antireflective and carbon) and antireflective and antireflectiv
US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT
2004/02/04 10:10

		(refractio		
		c) and refract\$4 and index) and		
		organic) and refracts4 and index) and (film coaling)) not ((((((sificon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and		
		("anti reflect		-
		eflect\$4) and \$5layer) and reflective adj index) not (((15.	
		not (((((("silicon oxide" silica) and carbon) and high and low and	_	
		ex) and (film coating)) and multilayer)))) not (((diffe		
) and layer) and organic) and		
		(((((("silicon oxide" and ca		
		' "anti reflection")) and layer) and organic) and :		
		tive adi index) not ((((((("silicon oxide" and carbon		
-	DERWENT	carbon and nydrogen) and high and low and \$4reflect\$4) and \$5laver) and		
. Š.	18045408;	e)) not ((((different and silica and layer and		
	USPAT;	(((((("anti reflection" "anti reflective") and high and low	1670	1
		coating and (layer multilayer)) and index and		
		ltilayer))) not (silica with different and anti	_	
		c) and refract\$4 and index) and (film coating)) and multilayer)))	•	
		arbon) and ("anti reflective" "anti reflection";		
		and index) and (film coating)) not (((
		anti reflective" "anti reflection")		
		and reflective adj i		
		(((((("silicon oxide" silica) and carbon) and high and I		
		and anti adj		
		(film coating)) and multilayer)))) not ((((diffe		
		layer) and organic) and		
		((("silicon oxide" and ca		
		"anti reflection")) and layer) and organic) and		
		ilicon oxide" and carbon		-
	DERWENT	and carbon) and high and low and \$4reflect\$4) and \$5:		
	EPO; JPO;	and anti adj reflect\$4) not ((((("silicon oxide"		
	US-PGPUB;	medium middle)) not ((((different and silica and layer and		
	USPAT;	1 ((((("anti reflection" "anti reflective") and high and low and (intermediate	2581	ı

) and refrac ack and mult er)) and co)) and (sili		
		ayer) and reflective and ("anti reflective" " and index) and (film d ("anti reflective" "		
		\$4 and index) and (film coating)) and multilayer)))) not nt and silica and layer and composition and carbon and hy reflect\$4) not ((((("silicon oxide" silica) and carbon)		
	DERWENT	adj reffect\$4 high and low a (((("silicon"		
3;	US-PGPUB;	8 (((((((("anti reflection" "anti reflective") and high and lo (intermediate medium middle)) not (((different and silica a	127	I
		antireflective and layer)) and coating and (tayer multilayer)) and index and (refraction refractive)) and (silica silicon)) and (carbon "C")		
		and layer) and organic) and refract\$4 and index) and (film coating); and multilayer))) not (silica with different and		
		and layer) and organic) and refractor and frame ("anti reflective" "anti reflection")) ((((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection"))		
		()	<u>-</u> -	
	-	adj reflect\$4) not ((((("silicon oxide" silica) and low and \$4reflect\$4) and \$5laver) and reflective adj		
		<pre>and refract\$4 and index) and (film coating)) and multilayer)))) not (((different and silica and layer and composition and carbon and hydrogen)</pre>		
		("anti reflective" "anti reflection"))		
		and \$5layer) and reflective adj index) not ((((("silicon oxide" and carbon)		
	DERWENT	composition and carbon and hydrogen) and anti adj reflect\$4) not	-	
2004/02/04 10:10	USPAT; US-PGPUB;	52 (((((("anti reflection" "anti reflective") and high and low and ((different and silica and layer and	14	ı

ST3 ((((((("antit meflection" "anti reflective") and low and US-PRY: U			low and \$4reflect\$4) and \$5layer) and reflective adj index)	
(((((("anti reflection" "anti reflective") and high and low and composition and carbon and hydrogen) and arti adj reflect\$4) not (((("silicon oxide" salica) and carbon) and silica and layer and carbon) and shlayer) and reflective adj index) not ((((("silicon oxide" and carbon) and high and low and \$4reflect\$4) not (((("silicon oxide" and carbon) and refract\$4 and index) and (film coating)) and multilayer))) and layer; and carbon) and refract\$4 and index) and (film coating)) and multilayer))) and arti adj reflective "anti reflective" and subject and salica and layer and composition and carbon and hydrogen) and refract\$4 and index) and (film coating)) and multilayer))) not (((("silicon oxide" and oxide" and carbon) and ("anti reflective" "anti reflective" "anti reflective" "anti reflective" "andi aper) and oxide" and carbon) and ("anti reflective" "anti reflective")) and salica and layer) and oxide" and carbon) and ("anti reflective")) and carbon and high and low and \$4reflect\$4) and \$51ayer) and reflective" "anti reflective") and carbon and anti-dayer) and oxide" and carbon) and ("anti reflective")) and carbon) and ("anti reflective") and carbon) and ("anti reflective") and carbon and high and low and anti-dayer) and oxide" salica and layer and carbon) and ("anti reflective") and carbon and high and low and salica and oxide" salica and carbon) and ("anti reflective") and anti-day reflect\$4) not ((((("silicon oxide" and carbon) and anti-day reflect\$4) not ((((("silicon oxide" and carbon) and ("anti reflective")))) and carbon) and anti-day reflect\$4) not ((((("silicon oxide" and carbon) and ("anti reflective")))) and carbon) and ("anti reflective"))) and carbon and hydrogen) and anti-day reflect\$4) not ((((("silicon oxide" and carbon) and ("anti reflective" and index) not (((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and anti-dayer and oxide" and carbon) and ("anti reflective" "anti reflection")) and anti-dayer and oxide" and carbon) and ("anti reflective" and index) and ("anti refle			strate) and organic) not ((((("silicon oxide" silica) and carbon) and	
((((((("anti reflection" "anti reflective") and high and low and composition and carbon and hydrogen) and anti adj reflect34) not ((((("silicon and carbon) and anti adj reflect34) not (((("silicon oxide" silica) and carbon) and high and low and \$4reflect34) and solica and index and carbon and sylver) and reflective "anti reflection")) and high and low and \$4reflect34 and index) and (film coating)) not ((((("silicon oxide" and carbon) and reflective" "anti reflection")) and layer) and organic) and refract34 and index) and (film coating)) not ((((("silicon oxide" and organic) and refract34 and index) and (film coating)) not ((((("silicon oxide" and organic) and refract34 and index) and (film coating)) not ((((("silicon oxide" and organic) and anti adj reflect34) not ((((("silicon oxide" and oxyanic) and anti adj reflect34) not ((((("silicon oxide" and oxyanic) and anti reflective" and sylver) and refract34 and index) and (film coating)) not (((((("silicon oxide" and oxyanic) and refract34 and index) and (film coating)) not ((((((("silicon oxide" and oxyanic) and refract34 and index) and (film coating)) and antitiayer))) and stack and multilayer)) not (silica with different and antireflective and layer)) and refract34 and index) and (film coating)) and ((((((("silicon oxide" and oxyanic) and refract34 and index) and (silica and layer and sylver)) and refract34 and index) and ((((((("silicon oxide" and carbon) and ((((((("silicon oxide" and carbon) and (film coating)) not (((((((silicon oxide" and carbon) and (film coating)) and organic) and refract34 and index) and (film coating)) and organic) and refract34 and index) and (film coating) and organic) and refract34 and index) and ((((("silicon oxide" and oxyanic) and anti adj reflective")) and oxyanic) and anti adj reflective" and multilayer)) and oxyanic) and anti adj reflective and oxyanic) and anti adj reflective and carbon and high and low and 3(reflective) and coating) and multilayer)) and oxyanic) and carbon and high and carbon and high and carbon and high and			ireflective and layer)) and coating and (layer multilayer))	
(((((("anti reflection" "anti reflective") and high and low and (intermediate medium middle)) not ((((ifferent and silica and layer and proposition and carbon and hydrogen) and anti adj reflects() not (((("silicon oxide" and carbon)) and shaper) and seffects() not (((("silicon oxide" and carbon)) and shaper) and seffects() and carbon) and (interacts() and index) and (film coating)) not (((("silicon oxide" and carbon)) and layer) and organic) and reflects() and ("anti reflective" "anti reflective" "anti reflective")) and layer) and organic) and reflects() not ((((("silicon oxide" and carbon))) and layer)))) not (((((("silicon oxide" and carbon)))))) and layer)))) not ((((((("silicon oxide" and oxide" and carbon))))))) and carbon) and high and low and streflects() and salayer) and reflects() and salayer) and reflective and index) and ("anti reflective" and reflective")) and carbon and reflective and salayer) and reflective and salayer) and reflective and salayer) and reflective "anti reflective" and salayer) and reflective "anti reflective and salayer) and reflective and salayer) and reflective and salayer) and reflective and salayer) and salayer) and reflective and salayer and salayer) and reflects() and reflective and salayer and salayer) and reflects() and reflective and salayer) and salayer) and salayer) and reflects() and reflects() and salayer and reflects() and reflects() and salayer and reflects() and reflects() and salayer) and reflects() and reflective and reflective and reflective and reflective and reflect			tilayer)))) and stack and multilayer))) not (silica with di	
((((((("anti reflection" "anti reflective") and high and low and (intermediate medium middle)) not ((((ifferent and silica and layer and composition and carbon and hydrogen) and anti adj reflects() not (((("silicon oxide" and carbon) and fifth and low and \$treflects() not (((("silicon oxide" and carbon) and fifth and low and \$treflects() and reflective adj index) not ((((("silicon oxide" and carbon) and reflective and carbon) and fifth and low and \$treflects() and reflective "anti reflection")) and layer) and organic) and reflects() and ("anti reflective" "anti reflection")) and layer) and organic) and reflects() and ("anti reflective" and carbon) and hydrogen) and anti adj reflects() not (((("silicon oxide" and carbon) and layer) and carbon and hydrogen) and layer) and organic) and reflective adj index) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflective" "anti reflective" "anti reflective "and index) and (film coating)) not (((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and reflective and layer) and refracts() and refracts() and refracts() and refracts() and refracts() and reflective and index) and ("anti reflective" "anti reflective" and index) and (index) and (index			layer) and organic) and refract\$4 and index) and (film coat	
(((((("anti reflection" "anti reflective") and high and low and composition and carbon and hydrogen) and anti adj reflect\$4) not (((different and silica and layer and specific state)) and state and silica and layer and specific state and silica and layer and specific state and silica and state and state and silica and state and silica and state and index) and (film coating)) and layer; and organic) and reflective" "anti reflective" and reflective "andi reflection")) and layer; and organic and anti adj reflect\$4) not ((((("silicon oxide" and carbon) and high and low and \$4reflect\$4) not ((((("silicon oxide" and carbon) and anti-specific state)) and state and layer and reflective "anti reflective" "anti reflection")) and layer) and organic and layer) and organic and refract\$4 and index) and refract\$4 and index) and refract\$4 and index) and refract\$4 and index) and refract\$4 and index and refract\$4 and index and refract\$4 and index shall reflective "anti reflective" "anti reflection")) and layer) and organic and refract\$4 and index and refract\$4 and index) and refract\$4 and index and refract\$4			(((("silicon oxide" and carbon) and ("anti reflective" "anti	
(((((("anti reflection" "anti reflective") and high and low and (intermediate medium middle)) not (((different and silica and layer and proposition and carbon and hydrogen) and anti adj reflect\$4) not (((("silicon oxide" silica) and carbon) and hydrogen) and streflect\$4) not (((("silicon oxide" and reflective adj index) not ((((("silicon oxide" and carbon) and stilica) and carbon) and stilica) and stilica and layer) and carbon) and stilica and index) and (film coating)) not (((((("silicon oxide" and organic) and refract\$4 and index) and (film coating)) and multilayer))) not ((((("silicon oxide" and carbon) and high and low and \$4reflect\$4) and refract\$4 and index) and refracts\$4 and index) and refracts\$4 and index) and refractive" "anti reflective "anti reflective "anti reflective" "and index) and refract\$4 and index) and refract\$4 and index) and refract\$4 and index) and refract\$4 and index) and reflects\$4 and index) and reflects\$4 and index and reflective and reflective" and reflects\$4 and index and reflective and reflectiv			laver) and organic) and refract\$4 and index) and (film coat:	
(((((("anti reflection" "anti reflective") and high and low and (intermediate medium middle)) not ((((different and silica and layer and composition and carbon and hydrogen) and anti adj reflect\$4) not (((("silicon oxide" silica) and carbon) and hydrogen) and stilica and layer and sport and sport and sport and sport and silica and layer and organic) and reflective adj index) not (((((("silicon oxide" and carbon) and sport			did fow all AtterrectAt/ all Astayer/ all reflective" "anti	
(((((("anti reflection" "anti reflective") and high and low and (intermediate medium middle)) not ((((different and slica and layer and composition and carbon and hydrogen) and anti adj reflects() not (((("silicon oxide" silica) and carbon)) and high and low and \$freflects() and reflective" "anti reflection")) and layer) and organic) and carbon and index) and (film coating)) not ((((("silicon oxide" and carbon))) not ((((("silicon oxide" and carbon)))) not ((((("silicon oxide" and carbon))))) not ((((("silicon oxide" and organic))))) not ((((("silicon oxide" and oxide"))))) not ((((("silicon oxide")))) not ((((("silicon oxide"))))) not ((((("silicon oxide"))))) not ((((("silicon oxide"))))) not ((((("silicon oxide")))) not ((((("silicon oxide"))))) not (((((("silicon oxide"))))) not ((((((("silicon oxide"))))) not (((((((((((((((((((((((((((((((((((•		alich adj fetheochad, Hoc (()()() Stricoll Oathe Stricol) and	
(((((("anti reflection" "anti reflective") and high and low and (intermediate medium middle)) not (((different and slica and layer and composition and carbon and hydrogen) and anti adj reflect\$4) not ((((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) and \$5layer) and reflective "anti reflection") and layer] and organic) and ("anti reflective" "anti reflection")) and layer] and organic) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and carbon) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and organic) and anti adj reflective" "anti reflective"))) and layer))) not (((((("silicon oxide" and silica and layer and composition and carbon) and hydrogen) and anti adj reflect\$4) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer))) not (((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not ((((((((((((((((((((((((((((((((((((Qifferent and siffca and tayer and composition and carbon	
(((((("anti reflection" "anti reflective") and high and low and (intermediate medium middle)) not (((different and silica and layer and composition and carbon and hydrogen) and anti adj reflect\$4) not ((((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) and \$5layer) and reflective" "anti reflection")) and layer) and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and carbon)) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and organic)) and reflective" "anti reflection")) and layer) and carbon) and high and low and \$4reflect\$4) not ((((("silicon oxide" and carbon)) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not (((((("silicon oxide" and layer))))) and carbon) and ("anti reflective" "anti reflective" "anti reflection")) and antireflective and organic) and refract\$4 and index) and (film coating)) and antireflection refraction and (silica silican)) and (layer multilayer)) and carbon and ("anti reflection" "anti reflective") and carbon and ("anti reflection") and (((("silicon oxide" and carbon))) and stack and multilayer)) and carbon and high and low and ("((("silicon oxide" and carbon)))) and stack and index) and (film coating)) and ("((("silicon oxide" and carbon))) and (silica silican)) and high and low and ("anti reflective" "anti reflective") and organic and carbon) and high and low and streflect\$4) and refract\$4 and index) and carbon and high and low and streflect\$4) and refract\$4 and index) and carbon and high and low and \$4reflect\$4) and refract\$4 and index) and carbon and high and low and streflect\$4) and refract\$4 and index) and carbon and high and low and streflect\$4) and refract\$4 and index) and carbon and antir reflection")) and and refract\$4 and index) and carbon and antir and antir reflective and antir r			refract\$4 and index) and (film coating)) and multilayer);	
(((((("anti reflection" "anti reflective") and high and low and composition and carbon and hydrogen) and anti adj reflect\$4) not ((((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) and \$5layer) and reflective adj index) not ((((("silicon oxide" and carbon) and high and low and \$4reflect\$4) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and carbon) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and carbon) and reflective" "anti reflection")) and layer) and organic) and anti adj reflect\$4) not ((((("silicon oxide" and hydrogen) and anti adj reflect\$4) not ((((("silicon oxide" and hydrogen) and anti adj reflect\$4) not ((((("silicon oxide" and hydrogen) and high and low and \$4reflect\$4) and \$5layer) and reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic and refract\$4 and index) and (film coating)) not (refraction refractive)) and carbon) and ("anti reflective" "anti reflection")) and carbon and hydrogen) and film coating)) and index and index) and (film coating)) and refract\$4 and index) and (film coating)) and refract\$4 and index) and (film coating)) and refract\$4 and index and index and index and anti adj reflect\$4) not ((((("silicon and carbon) and (silica silica))) and carbon and hydrogen) and anti adj reflect\$4) not ((((("silicon and carbon))) and anti adj reflect\$4) not ((((("silicon and carbon))) and anti adj reflect\$4) not ((((("silicon and carbon)))) and (silica and low and \$1000)) and ("anti reflective") and carbon) and ("anti reflect\$4) not ("((("silicon and carbon)))) and ("(((("silicon and alayer))))) and ("(((("silicon and alayer))))) and ("(((("silicon and alayer))))) and ("(((("silicon and alayer)))))) and ("(((("silicon and alayer))))) and ("(((("silicon and alayer))))) and ("(((("silicon and			and ("anti reflective" "anti reflection")) and layer)	
((((((((((((((((((((((((((((((((((((((not (((((("silicon	
((((((((((((((((((((((((((((((((((((((("anti reflective" "anti reflection")) a	
((((((("anti reflection" "anti reflective") and high and low and (intermediate medium middle)) not (((different and silica and layer and Composition and carbon and hydrogen) and anti adj reflect\$4) not (((((((((((((((((((((((((((((((((((\$5layer) and reflective adj index) not ((((((("silicon oxide"	
((((((("anti reflection" "anti reflective") and high and low and cintermediate medium middle)) not (((different and silica and layer and composition and carbon and hydrogen) and anti adj reflect\$4) not (((((((((((((((((((((((((((((((((((DERWENT	oxide" silica) and carbon) and high and low	
((((((("anti reflection" "anti reflective") and high and low and composition and carbon and hydrogen) and anti adj reflect\$4) not ((((("silicon oxide" silica) and carbon) and hydrogen) and high and low and \$4reflect\$4) and \$5layer) and reflective adj index) not ((((("silicon oxide" and carbon) and high and low and \$4reflect\$4) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and carbon) and refract\$4) and index) and (film coating)) and multilayer))) not (((((("silicon oxide" and organic) and anti adj reflect\$4) not ((((("silicon oxide" and organic) and anti adj reflect\$4) not ((((("silicon oxide" and oxide" and oxide" and carbon) and layer) and oxide" and carbon) and layer) and oxide" and carbon) and refract\$4 and index) and (film coating)) not (((((("silicon oxide" and carbon) and ("anti reflective adj index) not ((((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer)) and layer)) and carbon and refract\$4 and index) and (film coating) not and refract\$4 and index) and (film coating)) and antireflective and layer)) and carbon and ("anti reflective" "anti reflection")) and substrate) and oxide and carbon and (layer multilayer)) and index and (((((("silicon oxide" and carbon) and (layer multilayer))) and substrate) and oxide substrate medium middle)) not (((((ififice and layer and oxide))) and substrate) and oxide substrate medium middle)) not (((((ififice and layer and oxide)))) and substrate) and oxide substrate medium middle)) not (((((ififice and layer and oxide)))) and substrate) and oxide substrate medium middle)) not ((((ififice and layer and oxide)))) and substrate) and oxide substrate medium middle)) not ((((ififice and layer and oxide))) and substrate) and oxide substrate medium middle)) not ((((ififice and layer and oxide))) and substrate medium middle)) not ((((ififice and layer))) and substrate and and layer and oxide substrate and and layer and oxide substrate and and layer and oxide substrate and and antireflection substrate and and antireflecti		EPO; JPO;	carbon and hydrogen) and anti adj reflect\$4	
((((((("anti reflection" "anti reflective") and high and low and (intermediate medium middle)) not (((different and silica and layer and composition and carbon and hydrogen) and anti adj reflect\$4) not ((((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) and \$5layer) and reflective adj index) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and carbon) and refract\$4) and index) and (film coating)) not (((((("silicon oxide" and organic) and anti adj reflect\$4) not ((((("silicon oxide" and organic) and high and low and \$4reflect\$4) not ((((("silicon oxide" and carbon) and high and low and \$4reflect\$4) and \$5layer) and reflective adj index) not (((((((((((((((((((((((((((((((((((US-PGPUB;	(intermediate medium middle)) not (((different and silica and layer	
((((((((((((((((((((((((((((((((((((((2004/02/04 10:1	USPAT;	71 ((((((((("anti reflection" "anti reflective") and high and low	ı
((((((((((((((((((((((((((((((((((((((substrate) and organic	
(((((((("anti reflection" "anti reflective") and high and low and composition and carbon and hydrogen) and anti adj reflect\$4) not ((((("silicon oxide" silica) and carbon) and high and low and \$51ayer) and reflective adj index) not ((((("silicon oxide" and carbon)) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not (((((("silicon oxide" and carbon)) and refract\$4 and index) and (film coating)) not (((((("silicon oxide" and organic)))) and layer) and organic) and anti adj reflect\$4) not ((((("silicon oxide" and carbon) and high and low and \$4reflect\$4) not ((((("silicon oxide" and carbon)))) not (((((("silicon oxide" and carbon))))) and layer) and organic) and refract\$4 and index) and reflective "anti reflective adj index) not (((((("silicon oxide" and carbon))))) and stack and multilayer))) not (silica with different and antireflective and layer)) and coating)) and index and ind			refractive)) and (silica silicon)) and (carbon	
((((((((((((((((((((((((((((((((((((((ive and layer)) and coating and (layer multilayer)) and	
((((((("anti reflection" "anti reflective") and high and low and (intermediate medium middle)) not (((different and silica and layer and composition and carbon and hydrogen) and anti adj reflect\$4) not ((((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) and splayer) and reflective adj index) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and organic) and anti adj reflect\$4) not ((((("silicon oxide" and organic) and layer) and layer) and carbon) and ("silicon oxide" and carbon) and ("silicon oxide" and reflective adj index) not (((((("silicon oxide" and carbon) and reflective adj index) not ((((("silicon oxide" and carbon) and reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and and layer) and organic) and refract\$4 and index) and (film coating)) and			tilayer)))) and stack and multilayer))) not (sil	
((((((("anti reflection" "anti reflective") and high and low and (intermediate medium middle)) not (((different and silica and layer and composition and carbon and hydrogen) and anti adj reflect\$4) not (((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) and splayer) and reflective adj index) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and carbon) and reflect\$4) not ((((("silicon oxide" and organic) and anti adj reflect\$4) not ((((("silicon oxide" and carbon) and hydrogen) and layer) and syreflect\$4) and \$5layer) and reflective "anti reflection")) and layer) and organic) and reflective adj index) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and reflective "anti reflection"))			layer) and organic) and refract\$4 and index) and	
((((((("anti reflection" "anti reflective") and high and low and (intermediate medium middle)) not (((different and silica and layer and composition and carbon and hydrogen) and anti adj reflect\$4) not (((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) and splayer) and reflective adj index) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and refract\$4 and index) and (film coating)) not ((((("silicon oxide" and carbon) and refract\$4) and sper and composition and carbon and hydrogen) and anti adj reflect\$4) not (((("silicon oxide" and carbon) and high and low and \$4reflect\$4) and \$5layer) and reflective adj index) not (((("silicon oxide" and carbon) and reflective adj index) not (((("silicon oxide" and carbon) and ("anti reflective" "anti reflection"))) not (((("silicon oxide" and carbon) and ("anti reflective" "anti reflection"))) not ((((("silicon oxide" and carbon) and reflective adj index) not (((("silicon oxide" and carbon) and (film coating))) not (((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")))			(((("silicon oxide" and carbon) and ("anti reflective" "anti	
((((((((((((((((((((((((((((((((((((((layer) and organic) and refract\$4 and index) and (film coat:	
((((((((((((((((((((((((((((((((((((((and carbon) and ("anti reflective" "anti	
((((((((((((((((((((((((((((((((((((((n and low and \$4reflect\$4) and \$5layer) and reflective adj	
((((((((((((((((((((((((((((((((((((((anti adj reflect\$4) not ((((("silicon oxide" silica) and	
(((((((((((((((((((((((((((((((((((((((different and silica and layer and composition and carbon	
((((((((((((((((((((((((((((((((((((((refract\$4 and index) and (film coating)) and multilayer)	-
((((((((((((((((((((((((((((((((((((((oon) and ("anti reflective" "anti reflection")) and layer)	
((((((((((((((((((((((((((((((((((((((ract\$4 and index) and (film coating)) not ((((((("silico	
(((((((("anti reflection" "anti reflective") and high and low and (intermediate medium middle)) not (((different and silica and layer and composition and carbon and hydrogen) and anti adj reflect\$4) not (((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4) DERWENT and \$5layer) and reflective adj index) not ((((("silicon oxide" and carbon)			("anti reflective" "anti reflection")) and layer) and o	
(((((((("anti reflection" "anti reflective") and high and low and (intermediate medium middle)) not (((different and silica and layer and US-PGPUB; composition and carbon and hydrogen) and anti adj reflect\$4) not EPO; JPO; (((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4)			\$5layer) and reflective adj index) not ((((((("silicon	
(((((((("anti reflection" "anti reflective") and high and low and USPAT; (intermediate medium middle)) not (((different and silica and layer and US-PGPUB; composition and carbon and hydrogen) and anti adj reflect\$4) not EPO; JPO;		DERWENT	and carbon) and high and low	
(((((((("anti reflection" "anti reflective") and high and low and USPAT; (intermediate medium middle)) not (((different and silica and layer and US-PGPUB;		EPO; JPO;	sition and carbon and hydrogen) and anti adj reflect\$4	-
(((((((("anti reflection" "anti reflective") and high and low and USPAT;		US-PGPUB;	(intermediate medium middle)) not ((((different and silica and layer	
	2004/02/04 10:11	USPAT;	(((((((("anti reflection" "anti reflective") and high and low	1

2004/02/04 10:12	USPAT; US-PGPUB; EPO; JPO; DERWENT	and shayer) and reflective adj index) not ((((("silicon oxide" and carbon) and ("inti reflective" "anti reflective")) and layer and organic) and carbon) and ("anti reflective" "anti reflection") and layer) and organic) and refracts4 and index) and (film coating)) not ((("silicon oxide" and carbon) and ("anti reflective" "anti reflective"))) not ((("silicon oxide" and carbon) and carbon) and carbon and shide and layer and composition and carbon and short and layer) and organic) and layer and organic) and layer and carbon and carbon and short and layer) and organic) and reflective "anti reflection") and layer) and organic) and reflective "anti reflection") and layer) and organic) and reflective adj index) not (((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and reflective adj index) not (((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and layer) and organic) and reflective adj index) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and carbon and happer) and organic) and reflective adj index) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection")) and happer) and organic) and reflective adj index) and happer) and organic) and reflective adj index) not ((((("silicon oxide" and carbon) and ("anti reflective" "anti reflective" "anti reflective" "anti reflective" "anti reflective" "anti reflective" and index) and (film coating)) not ((((("silicon oxide" and carbon) and anti adj reflects4) and silica and layer) and organic) and reflective" "anti reflective" and index) and (((("silicon oxide" and carbon) and anti adj reflects4) and silver) and antifilater) and organic) and reflective "anti reflective") and and organic and antireflective adj index) not (((("(silicon oxide" and carbon) and ("mit reflective" "anti reflective") and antifilater) not (((("(silicon oxide" and carbon) and ("silver) and organic) and antireflective adj index) not (((("(silicon oxide" and carbon) and ("anti reflective	l
2004/02/04	USPAT; US-PGPUB; EPO; JPO; DERWENT	((((((((((((((((((((((((((((((((((((((1

_		carbon and hydrogen) and anti adj reflect\$4)) and composition\$5	
		multilayer))) not ((different and silica and layer and composition and	
		and layer) and organic) and refract\$4 and index) and (film coating)) and	
		(((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection"))	
		and layer) and organic) and refract\$4 and index) and (film coating)) not	
		((((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection"))	
		and low and $\$4$ reflect $\$4$) and $\$5$ layer) and reflective adj index)) not	
		substrate) and organic) not ((((("silicon oxide" silica) and carbon) and high	
	•	(refraction refractive)) and (silica silicon)) and (carbon "C")) and	
		antireflective and layer)) and coating and (layer multilayer)) and index and	
		multilayer)))) and stack and multilayer))) not (silica with different and	
		and layer) and organic) and refract\$4 and index) and (film coating)) and	
		<pre>((((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection"))</pre>	
,		((((((("silicon oxide" and carbon) and ("anti reflective" "anti reflection"))	
		high and low and \$4reflect\$4) and \$5layer) and reflective adj index) not	
		and anti adj reflect\$4) not (((((("silicon oxide" silica) and carbon) and	
		((((different and silica and layer and composition and carbon and hydrogen)	
		and refract\$4 and index) and (film coating)) and multilayer)))) not	
		carbon) and ("anti reflective" "anti reflection")) and layer) and organic)	
		refract\$4 and index) and (film coating)) not (((((("silicon oxide" and	
		and ("anti reflective" "anti reflection")) and layer) and organic) and	
		and \$5layer) and reflective adj index) not (((((("silicon oxide" and carbon)	
	DERWENT	(((((("silicon oxide" silica) and carbon) and high and low and \$4reflect\$4)	
	EPO; JPO;	composition and carbon and hydrogen) and anti adj reflect\$4) not	
	US-PGPUB;	(intermediate medium middle)) not ((((different and silica and layer and	
2004/02/04 10:13	USPAT;	353 (((((((((("anti reflection" "anti reflective") and high and low and	•

	ı	ı	I	1	1	l	1
		,					
	692	40	40	40	70	20	256
	goel.in.	(("dai nippon printing".as. and (silica silicon) and ("anti reflective" "anti reflection")) not ("silicon oxycarbide" and ("anti reflection" "anti reflection" and refractive and index)) not ichimura-koji.in.	("dai nippon printing".as. and (silica silicon) and ("anti reflective" "anti reflection")) not ("silicon oxycarbide" and ("anti reflection" "anti reflective") and refractive and index)	"dai nippon printing".as. and (silica silicon) and ("anti reflective" "anti reflection")	ichimura-koji.in.	vary varies gradient) "silicon oxycarbide" and ("anti reflection" "anti reflective") and refractive and index	ow and yer and reflect\$4)
DERWENT	USPAT; US-PGPUB;	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO;	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	DERWENT USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB; EPO; JPO;	USPAT; US-PGPUB; EPO; JPO; DERWENT
	2004/02/04	2004/02/04	2004/02/04	2004/02/04	2004/02/04	2004/02/04	2004/02/04
	13:06	12:22	12:22	12:22	12:15	12:01	12:00

			- 33 goel.in. and silicon and carbon
DERWENT	EPO; JPO;	US-PGPUB;	USPAT;
			2004/02/04 13:06